

SPECIFICATIONS

Model Numbers	100783 (20" transom)	Part No.	No. of Blades	Diameter	Pitch	
		Standard propeller	381020	3	12-1/2"	16"
*Horsepower (O.B.C. - certified)	100 hp at 5000 rpm		381296	3	14-1/4"	10"
			381297	3	14-1/4"	11"
Full throttle operating range	4000 to 5000 RPM 5500 RPM under limited conditions	Propeller options	380187	3	14-1/4"	12"
			381442	3	13"	14"
Engine type	90° V-type 4 cylinder, 2 cycle	**Cupped	381021	3	12-1/2"	18"
Bore and stroke	3-3/8" bore x 2-1/2" stroke		381464	2	13"	18"
Piston displacement	89.5 cubic inches		381465	2	13"	18"
Piston ring sets (3 per set)		Weight, less fuel tank				263 lbs.
standard	Part Number 380110	Fuel tank				11 lbs. net
.020" oversize	Part Number 380111	Fuel capacity				6 gallons, suction type tank
.040" oversize	Part Number 380112	Electrical system				Alternating current generator
Diameter of ring	3.375 in. (standard)	Starter				Electric and emergency rope
Width of ring	.0935 - .0925 in.	Starter amp draw when cranking				Maximum 140 amp
Lbs. compression recommended when compressed	9.7 to 13.7 lbs.	Ignition				Transistorized with automotive type battery and distributor system
Piston less rings		Spark plug				Champion L19V
standard	Part Number 380569	Spark plug torque				17-1/2 - 20-1/2 foot-pounds
.020" oversize	Part Number 378814	Distributor sensor air gap				.028"
.040" oversize	Part Number 378815	Carburetion				Four-barrel, with straight line manifold, float feed, low-speed adjustment, automatic hot air choke
Crankshaft size		Float level setting				Use Float Gauge Part Number 380546
top journal	1.2658 - 1.2653 in.	Carburetor orifice plug				Hole size .064
center journal	1.3752 - 1.3748 in.	Inlet needle seat				.050" to .053". Use a #55 drill as gage
bottom journal	1.1815 - 1.1810 in.					
Connecting rod crank pin	1.1828 - 1.1823 in.					
Cooling system	Thermostatically controlled recirculating system					
Propeller gear ratio	16:28					
Propeller drive pin	Part #310956 - .366 x 2-9/16 stainless steel					
Speed control	Remote control					
Gear shift control	Forward, neutral, reverse - Selectric push-button remote control					

*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.

**This propeller may be exchanged on special order at extra cost.